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TECH CENTER 1600/2900

1635

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/637,550

DATE: 07/12/2001

TIME: 06:59:20

Input Set : A:\ES.txt

Output Set: N:\CRF3\07112001\I637550.raw

#8/K.T.
8/9Raw
Seq.
Listing

lines for

3 <110> APPLICANT: Stratagene

5 <120> TITLE OF INVENTION: Compositions and methods utilizing stable reported cell

6 detection of CHOP-dependent signal

8 <130> FILE REFERENCE: 25436/1490

10 <140> CURRENT APPLICATION NUMBER: 09/637,550

C--> 11 <141> CURRENT FILING DATE: 2000-08-11

13 <150> PRIOR APPLICATION NUMBER: US 60/150,942

14 <151> PRIOR FILING DATE: 1999-08-26

16 <160> NUMBER OF SEQ ID NOS: 8

18 <170> SOFTWARE: PatentIn version 3.0

20 <210> SEQ ID NO: 1

21 <211> LENGTH: 6

22 <212> TYPE: DNA

C--> 23 <213> ORGANISM: Artificial

25 <220> FEATURE:

26 <223> OTHER INFORMATION: contiguous residues

28 <220> FEATURE:

29 <221> NAME/KEY: misc_feature

30 <222> LOCATION: (1)..(6)

31 <223> OTHER INFORMATION: contiguous residues

34 <400> SEQUENCE: 1

35 ggatcc

38 <210> SEQ ID NO: 2

39 <211> LENGTH: 6

40 <212> TYPE: DNA

C--> 41 <213> ORGANISM: Artificial

43 <220> FEATURE:

44 <223> OTHER INFORMATION: conserved sequence

46 <220> FEATURE:

47 <221> NAME/KEY: misc_feature

48 <222> LOCATION: (1)..(6)

49 <223> OTHER INFORMATION: conserved sequence

50 n at position 3 is any purine residue.

51 n at position 4 is any pyrimidine residue

54 <400> SEQUENCE: 2

W--> 55 ggnncc

58 <210> SEQ ID NO: 3

59 <211> LENGTH: 99

60 <212> TYPE: PRT

61 <213> ORGANISM: Unknown

63 <220> FEATURE:

64 <223> OTHER INFORMATION: mammalian c-Jun sequence

66 <220> FEATURE:

67 <221> NAME/KEY: DOMAIN

68 <222> LOCATION: (1)..(99)

69 <223> OTHER INFORMATION: transactivation domain

72 <400> SEQUENCE: 3

ENTERED

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```

74 Met Ala Ala Glu Ser Leu Pro Phe Thr Leu Glu Thr Val Ser Ser Trp
75 1          5          10          15
77 Glu Leu Glu Ala Trp Tyr Glu Asp Leu Gln Glu Val Leu Ser Ser Asp
78          20          25          30
80 Glu Ile Gly Gly Thr Tyr Ile Ser Ser Pro Gly Asn Glu Glu Glu
81          35          40          45
83 Ser Lys Thr Phe Thr Thr Leu Asp Pro Ala Ser Leu Ala Trp Leu Thr
84          50          55          60
86 Glu Glu Pro Gly Pro Thr Glu Val Thr Arg Thr Ser Gln Ser Pro Arg
87 65          70          75          80
89 Ser Pro Asp Ser Ser Gln Ser Ser Met Ala Gln Glu Glu Glu Glu Glu
90          85          90          95

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92 Glu Gln Gly

95 <210> SEQ ID NO: 4

96 <211> LENGTH: 17

97 <212> TYPE: DNA

98 <213> ORGANISM: Unknown

100 <220> FEATURE:

101 <223> OTHER INFORMATION: DNA binding domain recognition sequence

103 <220> FEATURE:

104 <221> NAME/KEY: misc_feature

105 <222> LOCATION: (1)..(17)

106 <223> OTHER INFORMATION: DNA binding domain

109 <400> SEQUENCE: 4

110 cggagtactg tcctccg

17

113 <210> SEQ ID NO: 5

114 <211> LENGTH: 149

115 <212> TYPE: DNA

116 <213> ORGANISM: Unknown

118 <220> FEATURE:

119 <223> OTHER INFORMATION: protein binding domain

121 <220> FEATURE:

122 <221> NAME/KEY: misc_feature

123 <222> LOCATION: (1)..(149)

124 <223> OTHER INFORMATION: DNA binding domain

127 <400> SEQUENCE: 5

128 gtcggagtac tgcctccga gcgagtact gtcctccgag cggagtactg tcctccgagc

60

130 ggagtactgt cctccgagcg gactactgtc ctccgagcgg agactctaga ggggtatata

120

132 atggatcccc ggtaccgag ctccaattc

149

135 <210> SEQ ID NO: 6

136 <211> LENGTH: 31

137 <212> TYPE: DNA

C--> 138 <213> ORGANISM: Artificial

140 <220> FEATURE:

141 <223> OTHER INFORMATION: Plasmid sequence

143 <220> FEATURE:

144 <221> NAME/KEY: misc_feature

145 <222> LOCATION: (1)..(31)

146 <223> OTHER INFORMATION: plasmid sequence

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149 <400> SEQUENCE: 6
150 cagcttgga ttccgggtact gttggtaa g          31
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 74
155 <212> TYPE: DNA
C--> 156 <213> ORGANISM: Artificial
158 <220> FEATURE:
159 <223> OTHER INFORMATION: plasmid sequence
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)..(74)
164 <223> OTHER INFORMATION: plasmid sequence
167 <400> SEQUENCE: 7
168 gtatcgccgg gatccgcccgg ggctggaatt ctagaagctt ctgcagagct cggtaccaga      60
170 tcttgaataa gtag          74
173 <210> SEQ ID NO: 8
174 <211> LENGTH: 21
175 <212> TYPE: PRT
176 <213> ORGANISM: Unknown
178 <220> FEATURE:
179 <223> OTHER INFORMATION: domain
181 <220> FEATURE:
182 <221> NAME/KEY: DOMAIN
183 <222> LOCATION: (1)..(21)
184 <223> OTHER INFORMATION: selected fusion activation domain
187 <400> SEQUENCE: 8
189 Val Ser Pro Gly Ser Gly Arg Ala Gly Ile Leu Glu Ala Ser Ala Glu
190 1          5          10          15
192 Leu Gly Thr Arg Ser
193          20

```

VERIFICATION SUMMARY

DATE: 07/12/2001

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TIME: 06:59:21

Input Set : A:\ES.txt

Output Set: N:\CRF3\07112001\I637550.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:41 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:138 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:156 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7